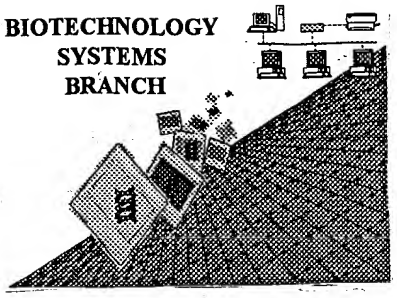

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/852,903
Source: OIPE
Date Processed by STIC: 1/23/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO **REDUCE** ERRORED SEQUENCE LISTINGS, **PLEASE** USE THE **CHECKER VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.
Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom, including:
1. EFS-Bio (<**http://www.uspto.gov/ebc/efs/downloads/documents.htm**>, **EFS Submission User Manual** - ePAVE)
2. U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. **Hand Carry directly to:**
   U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
   Or
   U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. **Federal Express, United Parcel Service, or other delivery service to:** U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Raw Sequence Listing Error Summary

ERROR DETECTED	SUGGESTED CORRECTION	SERIAL NUMBER: 09/852,903

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1	Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2	Invalid Line Length	The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
3	Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
4	Non-ASCII	The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**
5	Variable Length	Sequence(s)____contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6	PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
7	Skipped Sequences (OLD RULES)	Sequence(s) _____ missing. If intentional, please insert the following lines for **each** skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
8	Skipped Sequences (NEW RULES)	Sequence(s) _____ missing. If **intentional**, please insert the following lines for **each** skipped sequence. <210> sequence id number <400> sequence id number 000
9	Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.
10	Invalid <213> Response	Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence
11	Use of <220>	Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
12	PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
13	Misuse of n	n can only be used to represent a single **nucleotide** in a nucleic acid sequence. N is **not** used to represent any value not specifically a nucleotide.

OIPE

RAW SEQUENCE LISTING DATE: 01/23/2002
PATENT APPLICATION: US/09/852,903 TIME: 11:21:51

Input Set : A:\2404637.diatech.assay.ST25.txt
Output Set: N:\CRF3\01232002\I852903.raw

pp 1-5
Does Not Comply
Corrected Diskette Needed

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 3 <110> APPLICANT: Diatech Pty. Ltd.
 5 <120> TITLE OF INVENTION: An assay
 7 <130> FILE REFERENCE: 2404637/EJH
 9 <140> CURRENT APPLICATION NUMBER: US/09/852,903
 9 <141> CURRENT FILING DATE: 2001-12-26
 9 <150> PRIOR APPLICATION NUMBER: US 60/202,771
10 <151> PRIOR FILING DATE: 2000-05-09
12 <150> PRIOR APPLICATION NUMBER: US 60/202,559
13 <151> PRIOR FILING DATE: 2000-05-10
15 <160> NUMBER OF SEQ ID NOS: 38
17 <170> SOFTWARE: PatentIn version 3.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 21
21 <212> TYPE: DNA
22 <213> ORGANISM: primer
24 <400> SEQUENCE: 1
25 agataatcct tgaggtccct t                                          21
28 <210> SEQ ID NO: 2
29 <211> LENGTH: 22
30 <212> TYPE: DNA
31 <213> ORGANISM: primer
33 <400> SEQUENCE: 2
34 gcccaaagtc tgcctcccat tc                                        22
37 <210> SEQ ID NO: 3
38 <211> LENGTH: 22
39 <212> TYPE: DNA
40 <213> ORGANISM: primer
42 <400> SEQUENCE: 3
43 cgaccctgga aaagctgatg aa                                        22
46 <210> SEQ ID NO: 4
47 <211> LENGTH: 23
48 <212> TYPE: DNA
49 <213> ORGANISM: primer
51 <400> SEQUENCE: 4
52 ctttggtcgg tgcagcggct cct                                       23
55 <210> SEQ ID NO: 5
56 <211> LENGTH: 24
57 <212> TYPE: DNA
58 <213> ORGANISM: primer
60 <400> SEQUENCE: 5
61 gccttcgagt ccctcaagtc cttc                                      24
64 <210> SEQ ID NO: 6
65 <211> LENGTH: 21
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(global error) see item 10 on Error Summary Sheet

RAW SEQUENCE LISTING DATE: 01/23/2002
PATENT APPLICATION: US/09/852,903 TIME: 11:21:52

Input Set : A:\2404637.diatech.assay.ST25.txt
Output Set: N:\CRF3\01232002\I852903.raw

66 <212> TYPE: DNA
67 <213> ORGANISM: primer
69 <400> SEQUENCE: 6
70 cagcaacagc cgccaccgcc g 21
73 <210> SEQ ID NO: 7
74 <211> LENGTH: 20
75 <212> TYPE: DNA
76 <213> ORGANISM: primer
78 <400> SEQUENCE: 7
79 gattctgtga ttctacaacc 20
82 <210> SEQ ID NO: 8
83 <211> LENGTH: 20
84 <212> TYPE: DNA
85 <213> ORGANISM: primer
87 <400> SEQUENCE: 8
88 acccacagac ctcttcccac 20
91 <210> SEQ ID NO: 9
92 <211> LENGTH: 16
93 <212> TYPE: DNA
94 <213> ORGANISM: primer
96 <400> SEQUENCE: 9
97 atccatccat ccatcc 16
100 <210> SEQ ID NO: 10
101 <211> LENGTH: 36
102 <212> TYPE: DNA
103 <213> ORGANISM: primer
105 <400> SEQUENCE: 10
106 atccatccat ccatccatcc atccatccat ccatcc 36
109 <210> SEQ ID NO: 11
110 <211> LENGTH: 40
111 <212> TYPE: DNA
112 <213> ORGANISM: primer
114 <400> SEQUENCE: 11
115 atccatccat.ccatccatcc atccatccat ccatccatcc 40
118 <210> SEQ ID NO: 12
119 <211> LENGTH: 44
120 <212> TYPE: DNA
121 <213> ORGANISM: primer
123 <400> SEQUENCE: 12
124 atccatccat ccatccatcc atccatccat ccatccatcc atcc 44
127 <210> SEQ ID NO: 13
128 <211> LENGTH: 48
129 <212> TYPE: DNA
130 <213> ORGANISM: primer
132 <400> SEQUENCE: 13
133 atccatccat ccatccatcc atccatccat ccatccatcc atccatcc 48
136 <210> SEQ ID NO: 14
137 <211> LENGTH: 56
138 <212> TYPE: DNA

RAW SEQUENCE LISTING DATE: 01/23/2002
PATENT APPLICATION: US/09/852,903 TIME: 11:21:52

Input Set : A:\2404637.diatech.assay.ST25.txt
Output Set: N:\CRF3\01232002\I852903.raw

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139 <213> ORGANISM: primer
141 <400> SEQUENCE: 14
142 gattctgtga ttctacaacc atccatccat ccatccatcc atccatccat ccatcc        56
145 <210> SEQ ID NO: 15
146 <211> LENGTH: 64
147 <212> TYPE: DNA
148 <213> ORGANISM: primer
150 <400> SEQUENCE: 15
151 gattctgtga ttctacaacc atccatccat ccatccatcc atccatccat ccatccatcc    60
153 atcc                                                               64
156 <210> SEQ ID NO: 16
157 <211> LENGTH: 64
158 <212> TYPE: DNA
159 <213> ORGANISM: primer
161 <400> SEQUENCE: 16
162 gattctgtga ttctacaacc atccatccat ccatccatcc atccatccat ccatccatcc    60
164 atcc                                                               64
167 <210> SEQ ID NO: 17
168 <211> LENGTH: 68
169 <212> TYPE: DNA
170 <213> ORGANISM: primer
172 <400> SEQUENCE: 17
173 gattctgtga ttctacaacc atccatccat ccatccatcc atccatccat ccatccatcc    60
175 atccatcc                                                           68
178 <210> SEQ ID NO: 18
179 <211> LENGTH: 22
180 <212> TYPE: DNA
181 <213> ORGANISM: primer
183 <400> SEQUENCE: 18
184 gcatttgctt acaaatatcc ta                                            22
187 <210> SEQ ID NO: 19
188 <211> LENGTH: 24
189 <212> TYPE: DNA
190 <213> ORGANISM: primer
192 <400> SEQUENCE: 19
193 ctttaaagga ggactggctt gtat                                          24
196 <210> SEQ ID NO: 20
197 <211> LENGTH: 2
198 <212> TYPE: DNA
199 <213> ORGANISM: primer
201 <400> SEQUENCE: 20
202 ca                                                                  2
205 <210> SEQ ID NO: 21
206 <211> LENGTH: 32
207 <212> TYPE: DNA
208 <213> ORGANISM: primer
210 <400> SEQUENCE: 21
211 cacacacaca cacacacaca cacacacaca ca                                 32
214 <210> SEQ ID NO: 22
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RAW SEQUENCE LISTING DATE: 01/23/2002
PATENT APPLICATION: US/09/852,903 TIME: 11:21:52

Input Set : A:\2404637.diatech.assay.ST25.txt
Output Set: N:\CRF3\01232002\I852903.raw

215 <211> LENGTH: 34
216 <212> TYPE: DNA
217 <213> ORGANISM: primer
219 <400> SEQUENCE: 22
220 cacacacaca cacacacaca cacacacaca caca 34
223 <210> SEQ ID NO: 23
224 <211> LENGTH: 36
225 <212> TYPE: DNA
226 <213> ORGANISM: primer
228 <400> SEQUENCE: 23
229 cacacacaca cacacacaca cacacacaca cacaca 36
232 <210> SEQ ID NO: 24
233 <211> LENGTH: 38
234 <212> TYPE: DNA
235 <213> ORGANISM: primer
237 <400> SEQUENCE: 24
238 cacacacaca cacacacaca cacacacaca cacacaca 38
241 <210> SEQ ID NO: 25
242 <211> LENGTH: 40
243 <212> TYPE: DNA
244 <213> ORGANISM: primer
246 <400> SEQUENCE: 25
247 cacacacaca cacacacaca cacacacaca cacacacaca 40
250 <210> SEQ ID NO: 26
251 <211> LENGTH: 42
252 <212> TYPE: DNA
253 <213> ORGANISM: primer
255 <400> SEQUENCE: 26
256 cacacacaca cacacacaca cacacacaca cacacacaca ca 42
259 <210> SEQ ID NO: 27
260 <211> LENGTH: 44
261 <212> TYPE: DNA
262 <213> ORGANISM: primer
264 <400> SEQUENCE: 27
265 cacacacaca cacacacaca cacacacaca cacacacaca caca 44
268 <210> SEQ ID NO: 28
269 <211> LENGTH: 46
270 <212> TYPE: DNA
271 <213> ORGANISM: primer
273 <400> SEQUENCE: 28
274 cacacacaca cacacacaca cacacacaca cacacacaca cacaca 46
277 <210> SEQ ID NO: 29
278 <211> LENGTH: 48
279 <212> TYPE: DNA
280 <213> ORGANISM: primer
282 <400> SEQUENCE: 29
283 cacacacaca cacacacaca cacacacaca cacacacaca cacacaca 48
286 <210> SEQ ID NO: 30
287 <211> LENGTH: 54

RAW SEQUENCE LISTING DATE: 01/23/2002
PATENT APPLICATION: US/09/852,903 TIME: 11:21:52

Input Set : A:\2404637.diatech.assay.ST25.txt
Output Set: N:\CRF3\01232002\I852903.raw

288 <212> TYPE: DNA
289 <213> ORGANISM: primer
291 <400> SEQUENCE: 30
292 atttgcttac aaatatccta cacacacaca cacacacaca cacacacaca caca 54
295 <210> SEQ ID NO: 31
296 <211> LENGTH: 56
297 <212> TYPE: DNA
298 <213> ORGANISM: primer
300 <400> SEQUENCE: 31
301 atttgcttac aaatatccta cacacacaca cacacacaca cacacacaca cacaca 56
304 <210> SEQ ID NO: 32
305 <211> LENGTH: 58
306 <212> TYPE: DNA
307 <213> ORGANISM: primer
309 <400> SEQUENCE: 32
310 atttgcttac aaatatccta cacacacaca cacacacaca cacacacaca cacacaca 58
313 <210> SEQ ID NO: 33
314 <211> LENGTH: 60
315 <212> TYPE: DNA
316 <213> ORGANISM: primer
318 <400> SEQUENCE: 33
319 atttgcttac aaatatccta cacacacaca cacacacaca cacacacaca cacacacaca 60
322 <210> SEQ ID NO: 34
323 <211> LENGTH: 62
324 <212> TYPE: DNA
325 <213> ORGANISM: primer
327 <400> SEQUENCE: 34
328 atttgcttac aaatatccta cacacacaca cacacacaca cacacacaca cacacacaca 60
330 ca 62
333 <210> SEQ ID NO: 35
334 <211> LENGTH: 64
335 <212> TYPE: DNA
336 <213> ORGANISM: primer
338 <400> SEQUENCE: 35
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341 caca 64
344 <210> SEQ ID NO: 36
345 <211> LENGTH: 66
346 <212> TYPE: DNA
347 <213> ORGANISM: primer
349 <400> SEQUENCE: 36
350 atttgcttac aaatatccta cacacacaca cacacacaca cacacacaca cacacacaca 60
352 cacaca 66
355 <210> SEQ ID NO: 37
356 <211> LENGTH: 68
357 <212> TYPE: DNA
358 <213> ORGANISM: primer
360 <400> SEQUENCE: 37
361 atttgcttac aaatatccta cacacacaca cacacacaca cacacacaca cacacacaca 60

Please correct this error in Seq. 38, if C2137 response is same as above

VERIFICATION SUMMARY DATE: 01/23/2002
PATENT APPLICATION: **US/09/852,903** TIME: 11:21:53

Input Set : **A:\2404637.diatech.assay.ST25.txt**
Output Set: **N:\CRF3\01232002\I852903.raw**

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date